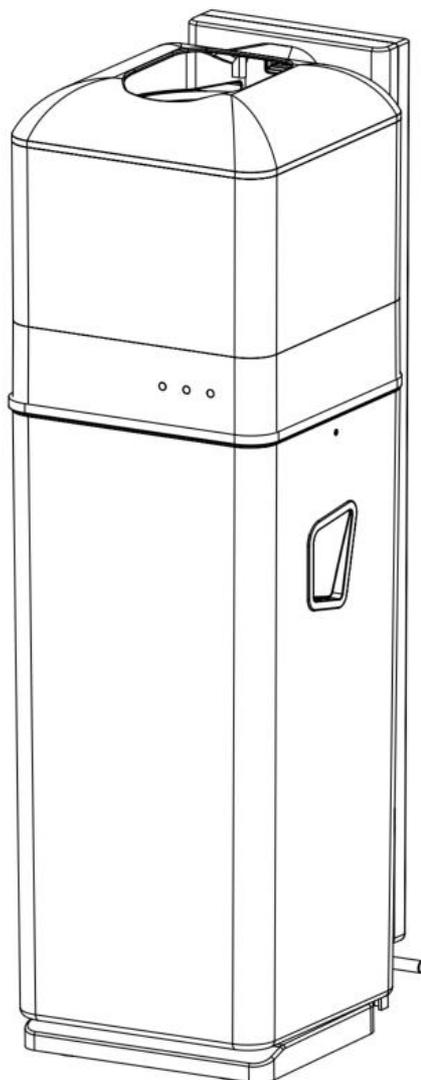




i-bin hygiene¹⁵

Revolutionary ladies sanitary container

User manual



i-team hygiene and services B.V.

Hopenkuil 27b, 5626 DD Eindhoven, The Netherlands

Telephone: +31402662400

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Internet: www.i-bin.com





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different languages of this manual



Original user manual, written in the English language
i-team hygiene and services B.V.
Hoppenkuil 27b, 5626 DD Eindhoven, The Netherlands
Telephone: +31402662400
Model: i-bin hygiene¹⁵
Product code: IHBN.FCT.002xx (Basic)

Email: hello@i-teamhygiene.com
Internet: www.i-bin.com

Date: Dec/2023
Version: v3.0

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Preface

Thank you for purchasing the i-bin hygiene¹⁵. Please read the important safety information and user instructions in this manual carefully before using the bin for the first time. This manual contains important information. Please keep it for future reference.

Purpose of the service manual

The purpose of the user manual is to provide the user with information in such a way that during its life, the i-bin hygiene is used correctly, efficiently and safely, even in the event of reasonably foreseeable misuse, as described in section 1.2 of this manual.

The user manual contains instructions regarding:

- Personal operator safety
- Intended and non-intended use of the i-bin hygiene
- Instructions for daily use
- Maintenance instructions
- Storage conditions
- Disposal of the i-bin hygiene

These instructions must be considered to avoid risks that could lead to physical and/or material damage.

Target audience

This user manual is intended for users of the i-bin hygiene¹⁵, as well as partners and importers.

Operators of the i-bin hygiene

The i-bin hygiene¹⁵ may only be operated by a person who has correctly read and understood the instructions in this manual or is trained by an experienced operator who has read and understood the instructions in this manual.



Reading guide

The following symbols and terms are used throughout this manual to alert the reader to safety issues and important information:

Symbol	Term	Explanation
	WARNING	Indicates a hazardous situation which, if the safety instructions are not followed, can lead to injuries of the operator or bystanders and light or moderate damage to the product or the environment.
	CAUTION	Indicates a hazardous situation which, if the safety instructions are not followed, can lead to light and / or moderate damage to the product or the environment.
	ATTENTION	Indicates a liability situation, where the manufacturer or its partners and affiliates cannot be held accountable for damages caused by non-compliance.
	BATTERIES	Indicates a battery-operated machine, batteries must be charged according to the instructions in the separate class I battery charger user manual. Batteries must be disposed of according to your local laws and regulations.
	HOT SURFACE	Indicates that this part of the machine can get hot. It is advised not to touch this machine part with bare hands.
	STRONG MAGNET	Indicates that the machine contains strong magnets. These can cause pacemakers to stop working or cause electronic data to be damaged, such as information stored on access passes.



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1 Introduction

The i-bin hygiene¹⁵ is a safe, user-friendly machine. This manual helps you to get started and explains the operation and maintenance procedure. You will be pleasantly surprised by the fast and effective use of the battery operated i-bin hygiene¹⁵.

This manual is intended for those who use the i-bin hygiene¹⁵ and/or perform daily maintenance. The manual must be read fully before the first actions. The manual describes the correct method of use, safety measures, maintenance and transport.

The manufacturer continuously improves all their products based on user experience and feedback. Any deviations between the texts and/or images from the manual and your i-bin hygiene¹⁵ can therefore arise from the difference in model or from possible changes due to continuous developments and innovations.

1.1 Intended use of the product

The i-bin hygiene¹⁵ is a specialized machine for storing your hygienic waste.

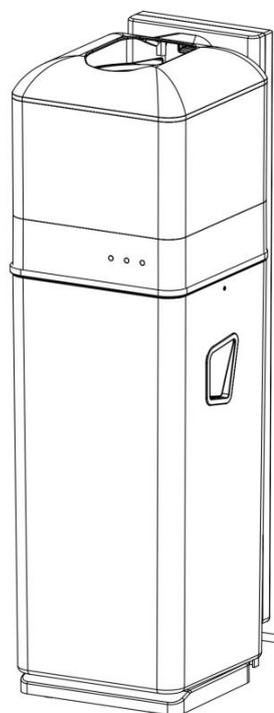


Figure 1

1.2 Non-intended use of the product



WARNING

Non-intended use can have consequences for the safety of operators and bystanders and will void the warranty on the product.

- DO NOT immerse the product in water or other liquids and do not rinse under a tap.
- DO NOT place hands or other items in the product during automatic packaging.
- DO NOT put flammable or explosives in the product.



- **DO NOT** attempt to repair the product yourself or disassemble the battery. Doing so will void your warranty.
- This product is not a toy and should not be used as such.
- **DO NOT** disassemble or destroy the battery.

1.3 Lifespan

Used in normal circumstances, the battery of the i-bin hygiene¹⁵ should last at least 14 days.



CAUTION

To ensure proper and safe operation throughout the life of the i-bin hygiene¹⁵, the product must be checked by an authorized i-team partner every 3 months.

1.4 Modifications

It is not permitted to make modifications to the design of the i-bin hygiene¹⁵ without consultation and permission from the manufacturer. This affects the warranty, see section 1.6 of this manual.



1.5 Specifications

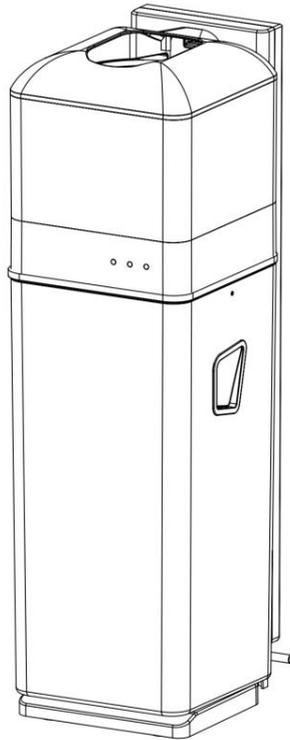


Figure 2

Product identification:	IHBN.FCT.002xx (Basic)
Product name:	i-bin hygiene ¹⁵
Model:	Basic version
Product size:	20 x 23.5 x 65,5 cm
Weight (including batteries):	4 kg
Capacity:	15 L
Li-ion battery:	DC (11.1 V, 4400 mAh, 48.84 Wh)
Battery capacity:	1 battery
Charging current:	1 A
Input:	11.1 V (DC), 1 A
Charging time:	5 h
# of cycles:	>750

1.6 Warranty

The i-bin hygiene¹⁵ should be used as intended and described in this manual. Using the i-bin hygiene¹⁵ outdoors will void the warranty on the product.

1.7 Identification

The serial number and production date can be found on a sticker on the back of the i-bin.



2 Description

The compact i-bin hygiene¹⁵ consists of three main parts:

- The upper part that contains the Foil lid, the Working status light and the Indicator light.
- The stand that contains the IR sensors, the Reset button, the Main switch, the Locking mechanism and the Detachable base.
- The bottom part, the Bin, see Figure 3.

The i-bin hygiene¹⁵ consists of:

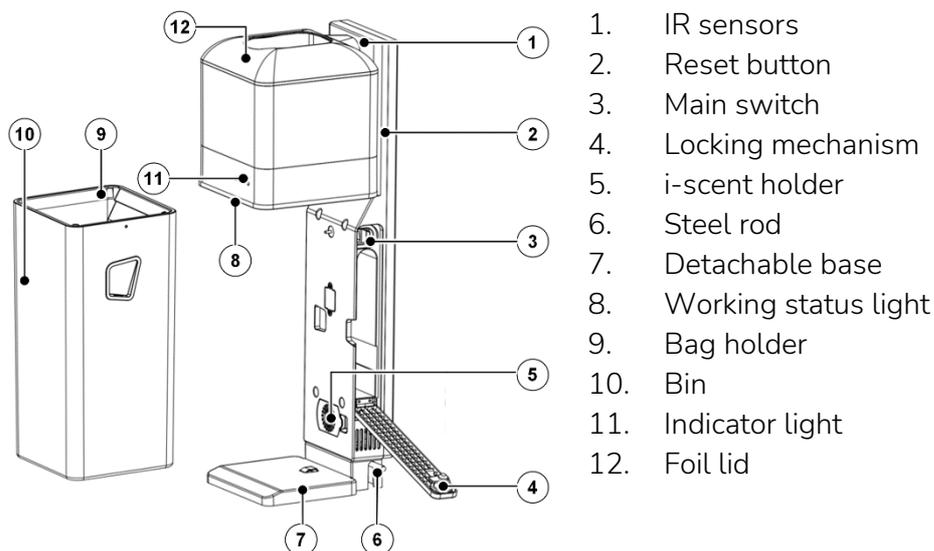


Figure 3

Indicator lights Indicating



Battery

The Battery indicator light will start flashing when the battery has 15% remaining. Replace the battery as described in paragraph 5.2.2.



Foil low

The Foil low indicator will flash when there is foil remaining for only 5 bags. When there is foil remaining for only 2 bags, the i-bin hygiene¹⁵ will stop working, thus preventing waste falling into the bin without sealed in a bag. The Foil low indicator will be solid red. Replace the foil as described in paragraph 6.1.



Bin full

The Bin full indicator will flash when the bin is almost full. The bin must now be emptied to prevent waste from piling up at the top of the machine.

The i-bin hygiene¹⁵ will stop working and the light will be solid red when the bin is full. Remove and empty the bin as described in paragraph 5.2.2.



3 Safety

Safety comes first. Therefore, please take your time to read and understand these safety instructions. Kindly follow the instructions correctly to avoid potential danger or injury. Improper use can cause harm or void the manufacturer's warranty.

3.1 General safety instructions

3.1.1 Indoor use

This product is intended for indoor use only.

3.1.2 Users

People with physical or mental disabilities should use the product only under guidance of a guardian.

The product should only be used by people who are properly trained and have experience with its usage.

3.1.3 Battery

When charging the battery, always use the cable provided by the manufacturer. Refraining from doing so might result in fire, an electric shock or personal injury.



ATTENTION

Instead of using a cable when charging, a special charger unit can also be used to charge multiple batteries. This charger unit is not included and should be ordered separately.



CAUTION

During normal operation, the 11.1 V battery causes no safety hazard on its own. Please adhere to the following safety instructions regarding the battery:

- Do not crush, pierce or damage in any way.
- Do not heat or incinerate.
- Do not short-circuit.
- Do not dismantle.
- Keep dry.
- Only charge between 5 °C~40 °C / 41 °F~104 °F.
- Only use between 5 °C~45 °C / 41 °F~113 °F.



3.2 Risks during operation

The i-bin hygiene¹⁵ is designed to close and seal bio friendly storage bags. The sealed bags will drop and collect in a container at the bottom part of the machine.



CAUTION

The sealing mechanism of the i-bin hygiene¹⁵ can get very hot. Avoid touching it.

WARNING

- The chemicals in the battery are located inside a sealed container.
- They only pose a chemical hazard if the battery is not used properly or damaged.
- Avoid contact with the electrolytes.
- Contact with a damaged or leaking battery can result in chemical burns.

If exposure to any battery chemicals happens, act as follows:



Contact to the eyes:

- flush the eyes with plenty of water for a minimum of 15 minutes, lift the upper- and lower eyelid occasionally;
- seek medical attention.

Inhalation:

- vacate from the exposure environment and move to an environment with fresh air immediately;
- seek medical attention.

Ingestion:

- give at least two glasses of milk or water. Induce vomiting unless the person is unconscious;
- seek medical attention.

3.3 Risks after operation

3.3.1 Remove battery

Remove the battery from the i-bin hygiene¹⁵ when it will not be used for 4 days or more.

3.3.2 Careful when storing

Do not store the i-bin hygiene¹⁵ on ramps or slopes. Always store the i-bin hygiene¹⁵ on a level, hard surface.



4 Transport and storage

4.1 General



CAUTION

Always store the i-bin hygiene¹⁵ in a dry environment.



5 Assembly and installation

The i-bin hygiene¹⁵ does not require much assembly.

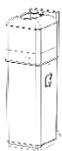
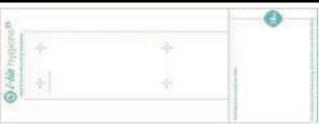
5.1 Unboxing

The i-bin hygiene¹⁵ is packed in a single box. Ensure that no items are missing and compare the contents with the list in Figure 4. If one of the items listed is missing, contact your i-bin hygiene¹⁵ dealer.



ATTENTION

Some of the items shown below, are stored inside the bin itself.

Item	Name	Photos	Qty
1	i-bin hygiene ¹⁵		1
2	Foil box		1
3	Battery		1
4	Charger and plugs (by country)		1+4
5	Key and foil tool		1
6	Screw ST5x45mm		4
7	Template		1



8	Manual		1
9	i-scent (optional)		1
10	3M Adhesive sticker		2
11	Bag holder		1

Figure 4

5.2 Assembly

5.2.1 Battery

Connect the charger to the battery. For first use, charge the battery for approximately 5 hrs.

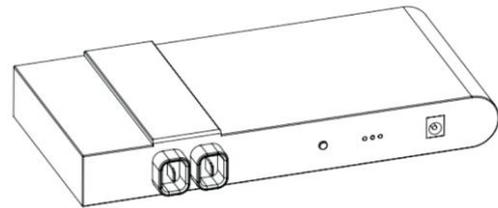


Figure 5

5.2.2 Install the battery

Press the metal handle on either side of the i-bin hygiene¹⁵ down. The locking mechanism will now release the bin.

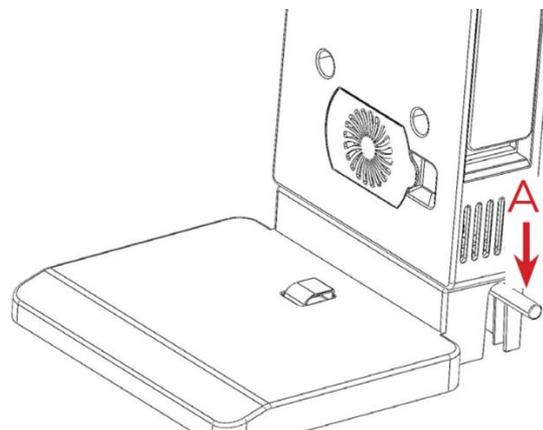


Figure 6



Slide the bin out from the stand.

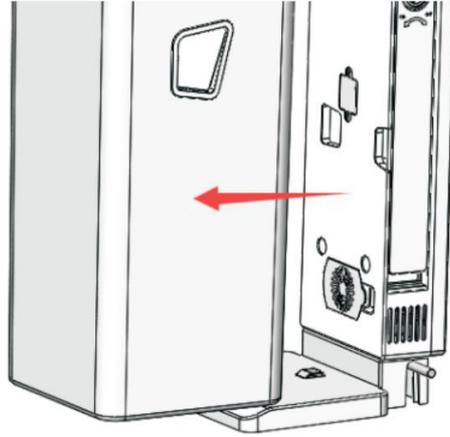


Figure 7

Open the battery compartment with the key and insert the battery in the slot.

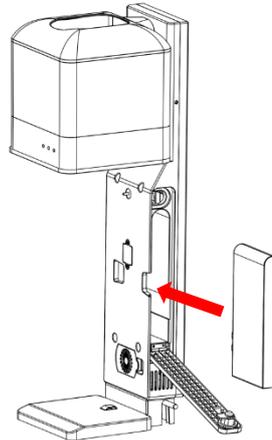


Figure 8

Press the ON/OFF switch to turn on the machine.

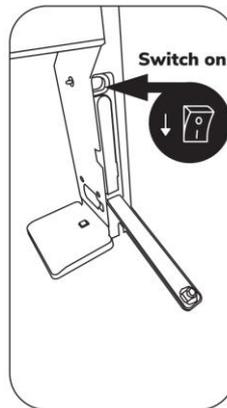


Figure 9



Close the battery compartment and lock with the key.

Click the bin back into the stand. The magnet, fitted in the middle of the stand, will hold the bin in place.

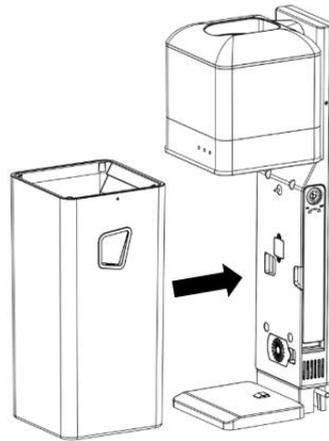


Figure 10



CAUTION

Please be aware of the integrated magnet fitted on the stand of the i-bin hygiene¹⁵.

5.3 In case of wall mount



CAUTION

Assure there is no electric wiring in the wall where the holes will be drilled.

Use the provided plugs and screws for mounting the i-bin hygiene¹⁵ to the wall, Figure 11.

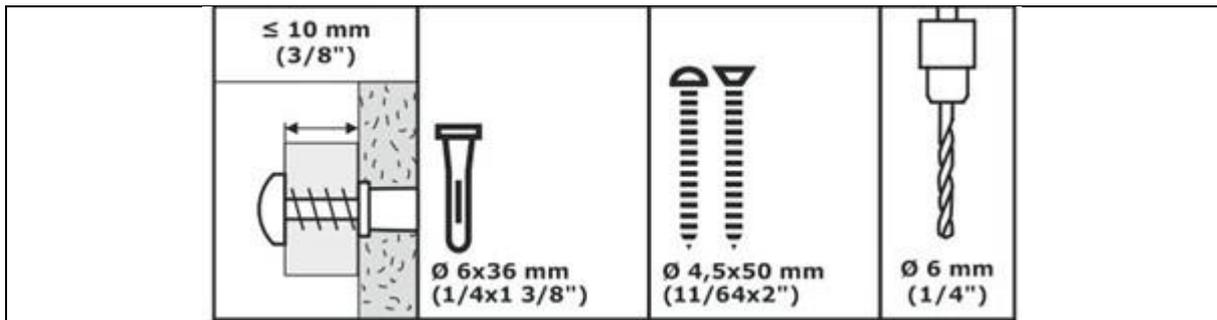


Figure 11



ATTENTION

To mark the holes to be drilled in the wall, use the included template.



CAUTION

Assure no electricity cables or water pipes are located at that location where the i-bin hygiene¹⁵ will be installed.



Check if the wall where the i-bin hygiene is to be placed, is smooth.

Place the template (pos. 2, Figure 12) with the bottom part on the floor. Check with a water level (pos. 1, Figure 12) if the template is exactly horizontal.

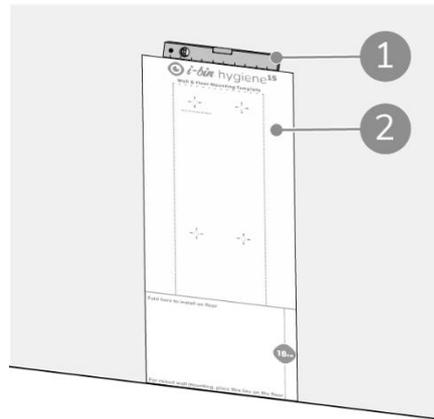


Figure 12

Mark the four holes (pos. 1, Figure 13) on the template with a hammer and a nail on the wall. Drill the holes with a drill bit $\text{\O}6$ mm (1/4"). Depth 40 mm (1 3/8").

Push the plugs inside the holes and ensure they are flush with the wall.

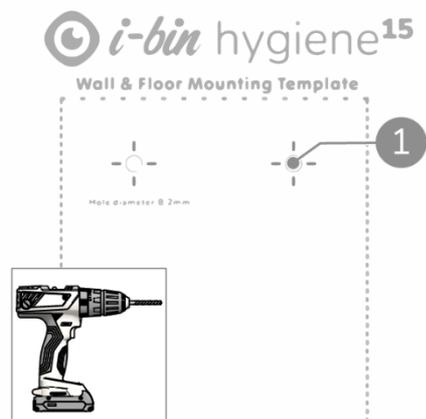


Figure 13



ATTENTION

In order to fix the i-bin hygiene¹⁵ to the wall, the bin needs to be removed. Switch off the machine, see Figure 17. Then follow the steps as indicated at Figure 6 and Figure 7.

Mount the i-bin hygiene¹⁵ with 4 screws on the wall (A).

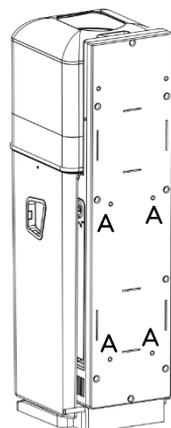


Figure 14



5.4 In case of wall mount with stickers

In case drilling in the wall is not possible, the i-bin hygiene¹⁵ can also be attached to the wall using the provided 3M stickers.



ATTENTION

Prior to fixing the i-bin to the wall, mark with a thin pencil and a spirit level a vertical line on the wall.

Stick the 3M adhesive sticker onto the backside of the machine as shown in Figure 15.



Figure 15

Press the machine tightly to the wall, see Figure 16.

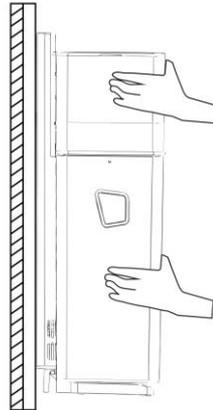


Figure 16



6 Operation

ATTENTION



The foil inside the cassette and of the drawstring bag is made of biodegradable material. Therefore they have an expected shelf life of 9 months from the date of manufacture. Please check the stamped expiration date on the box for guidance and storage.

Check if the i-bin hygiene¹⁵ is assembled and installed properly, see paragraph 5.2 and 5.3 or 5.4.

6.1 Install the cassette

Switch off the machine and remove the bin as described in paragraph 5.2.2.

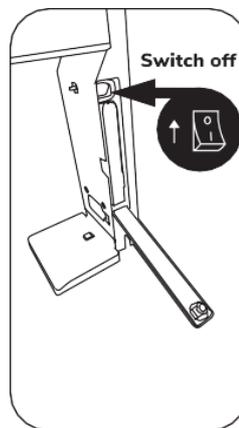


Figure 17

Lift the top foil lid and remove the empty cassette (if present).

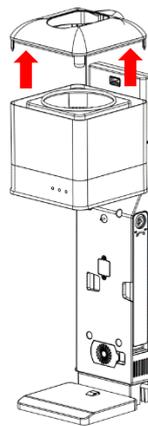


Figure 18



Place a new foil cassette.

Pull about 30 cm (12") of the foil up and push it back into the opening of the machine.

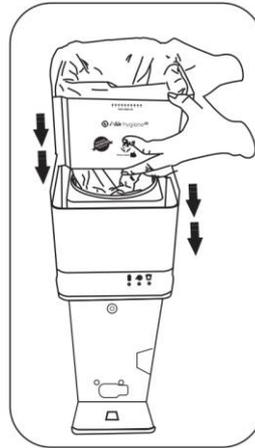


Figure 19

Two sets of splined wheels are fitted diagonally on either side of the opening.

Place the foil between the wheels and press down with the provided Foil loading tool.

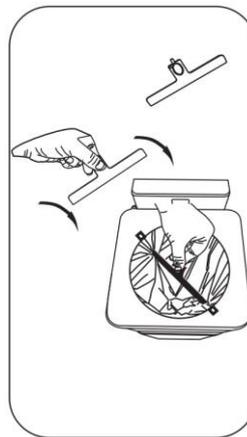


Figure 20

Switch on the i-bin. The two wheels will automatically pull down the foil.

The cassette is now installed.

Replace the top foil lid and then the bin.

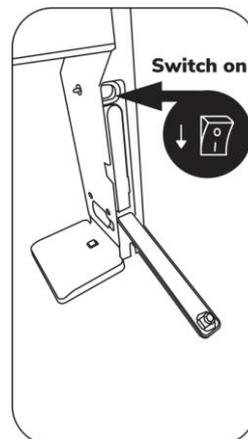


Figure 21



ATTENTION

Make sure when placing back the bin, the foil is in the bin and not stuck behind it.



ATTENTION

Before the i-bin hygiene¹⁵ can be put into operation, it needs to be reset.



ATTENTION

When the Foil low indicator is solid red and there is a sanitary napkin or tampon in the bin, first press the reset button. The i-bin hygiene¹⁵ will make a final bag.

The backside of the foil loading tool includes a small knob.

Press this knob into the small hole in the left side of the stand. Hold it for about 3 s.

After 3 s the red indication light will switch off and a small beep can be heard. The i-bin is now reset and ready for operation.

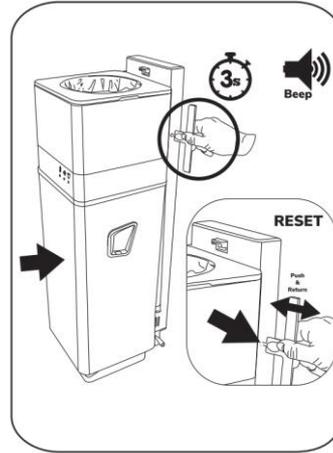


Figure 22



ATTENTION

In the case the foil has not been pulled down, return to the instruction at Figure 21 and repeat the indicated next steps.

6.2 When to empty the bin?

When the bin is full, the Bin full indicator will start flashing, see chapter 2. Also the Main light bar will turn solid red, see Figure 23.

In this case, the bin needs to be emptied.



Figure 23



Remove the bin as shown in Figure 6 and Figure 7.

The bin can now be emptied.

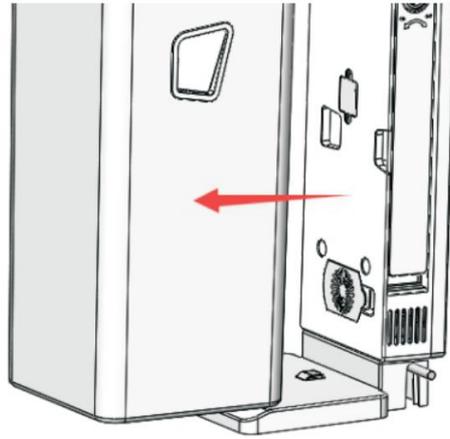


Figure 24



CAUTION

Always empty the bin when it is removed from the machine. As soon as the bin is removed, the 'bags-counter' will be reset to zero. Refraining from emptying the bin will lead to miscounting. This can lead to overfilling of the bin.

6.3 Install the drawstring bag



ATTENTION

Optionally a plastic bag can be fitted inside the container of the i-bin hygiene¹⁵. Waste sealed by the i-bin hygiene¹⁵ will now be contained inside this bag.

Take a drawstring bag and tear it of the roll.

Open the bag.

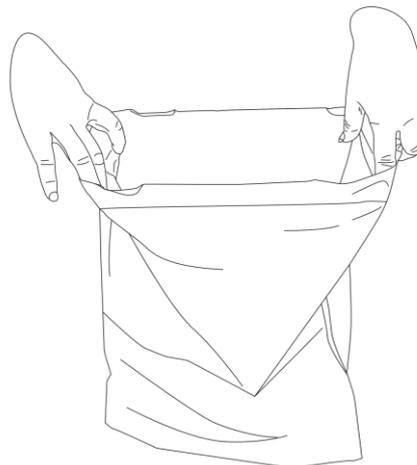


Figure 25

Place the bag inside the container and fit it over the four hitch points at each corner of i-bin.

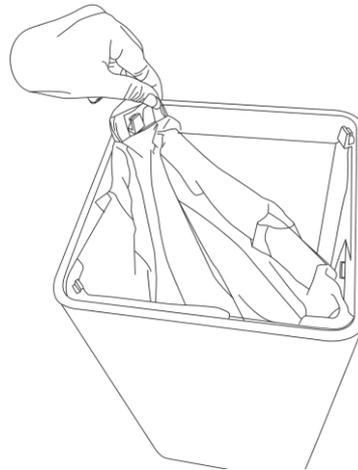


Figure 26

Push the bag down inside the container.

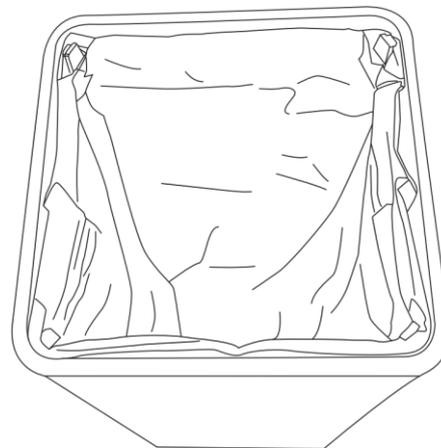


Figure 27

6.4 (Re)placing an i-scent cup¹

To (re)place a new i-scent cup:

Use a pointed object and remove the cupholder.

Remove the old i-scent cup from the cupholder (if applicable).

Pull off the plastic foil from the new i-scent cup.

Place this cup in the cupholder.

Press the cupholder back into the stand.

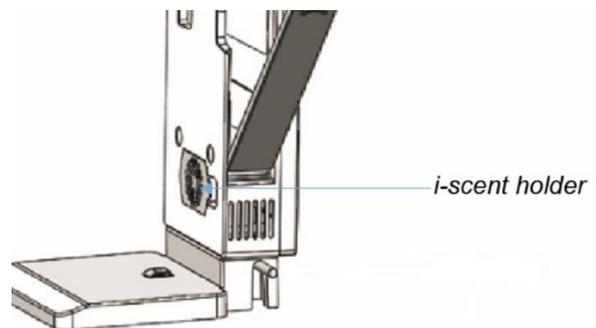


Figure 28

¹ i-scent cups are optional.



7 Maintenance



CAUTION

Remove the battery before executing any cleaning or maintenance task.

7.1 Cleaning

To clean the i-bin hygiene¹⁵, wipe the plastic bin with a damp cloth.



CAUTION

Don't use chemicals for cleaning the i-bin hygiene¹⁵.

7.2 Replacing the cassette

For replacing the cassette follow the steps as described in paragraph 6.1.

7.3 Replacing the battery

For replacing the battery follow the steps as described in paragraph 5.2.2.

Push the battery with your thumb, till it slides out the battery compartment.

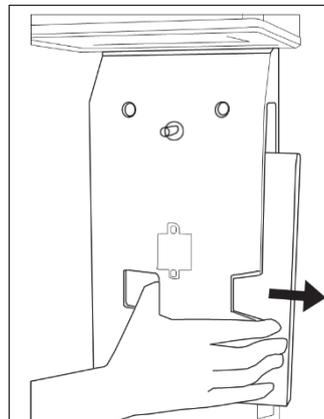
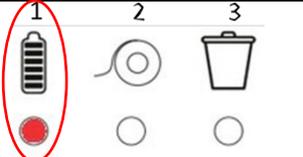
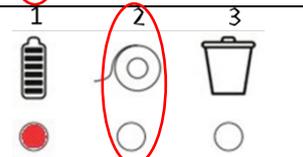
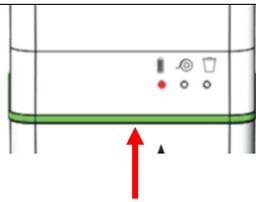


Figure 29



8 Troubleshooting

	Problem	Cause	Solution
	Power indicator light flashes	Only 15% charge remaining	Charge battery
	Power indicator light on	Only 2% charge remaining	
	Foil low indicator light flashes	Only foil for 5 bags remaining.	Change the cassette
	Foil low indicator light on	Only foil for 2 bags remaining. The i-bin hygiene ¹⁵ will stop working.	
	Bin full indicator flashes	Bin is almost full.	Empty bin
	Bin full indicator on	Bin is full	
Working status light bar			
	Status light bar flashes red	Machine is in operation	No action needed
	Status light bar red	Attention needed	Switch off the machine, wait 5 s and switch back on.



9 Decommissioning and disposal

The packaging material of the i-bin hygiene¹⁵ is recyclable. Please dispose it off according to local laws and regulations regarding recycling of paper and cardboard materials.



ATTENTION

It is the responsibility of the i-bin hygiene¹⁵ owner to dispose of the product responsibly.

After decommissioning, the i-bin hygiene¹⁵ still contains valuable resources and needs to be disposed of according to your local laws and regulations regarding recycling of electrical equipment.



Before disposing please:

1. Remove the battery for separate disposal, see paragraph 7.3.



WARNING

Never dispose batteries with regular waste. When disposing batteries with regular waste they can short circuit and cause fire.

2. Remove all loose components like foil cassette.
3. Dispose all items according to your local laws and regulations.

i-team hygiene and services B.V.

Hoppenkuil 27b, 5626 DD Eindhoven, The Netherlands

Telephone: +31402662400

Email: hello@i-teamhygiene.com

Internet: www.i-bin.com





10 Attachments

10.1 CE Certificate



EG/EC DECLARATION OF CONFORMITY

We: i-team Professional, Hoppenkuil 27b, 5626 DD Eindhoven, Netherlands

Declare under our sole responsibility that the product:

I-BIN HYGIENE 15

(Type of machine)

I-BIN and following

(Model – serial number, year of production)

to which this declaration relates is in conformity with the following standards:

LVD: EN60335-1:2012+A1+A11+A13+A14+A2; EMC: EN 55014-1: 2017, EN 55014-2:2015

(Title and/or number and data of issue of the standard(s) or other normative document(s))

follow the provision of directives: **2014/30/EU 2006/42/CE 2014/53/EU**

Eindhoven, 04.08.2023

Frank van de Ven
Director

(Place and Date of issue)

(name and signature or equivalent marking or authorized person)